

# Safe overload priority:

timeStamp

podName

nodeName

```
[ info ] 2019/04/12 17:20:53 priority.go:24: ==> SafePriority: calculating priority for pod test-pod on node worker-node ...
[ info ] 2019/04/12 17:20:53 priority.go:53: Calculating priority based on usage history ...
CPU usage statistics:
meanFreeCPU = 400; stdFreeCPU = 100
freeAvg = 400.000000; freeStdev = 100.000000
capacity = 1000.000000; demand = 200.000000
usedAvg = 600.000000; usedStdev = 100.000000
BetaDistribution: alpha = 12.000000; beta = 3.000000; mean = 0.800000; var = 0.010000; m1 = 0.800000; m2 = 0.650000; m3 = 0.535294;
mu = 0.800000; sigma = 0.100000; risk(0.900000) = 0.158360; riskFraction = 0.527867
CPUScore = 2
Memory usage statistics:
meanFreeMemory = 800000000; stdFreeMemory = 100000000
forcastedFreeMemory = 900000000; safeForecastWeight = 0.200000; weightedFreeMemory = 820000000.000000
freeAvg = 782.012939 MB; freeStdev = 95.367432 MB
capacity = 1396.113281 MB; demand = 200.000000 MB
usedAvg = 614.100342; usedStdev = 95.367432
BetaDistribution: alpha = 29.795476; beta = 21.301247; mean = 0.583119; var = 0.004666; m1 = 0.583119; m2 = 0.344694; m3 = 0.206410;
mu = 0.583119; sigma = 0.068309; risk(0.900000) = 0.000000; riskFraction = 0.000000
memoryScore = 9
overallScore = 2
```

CPU score

Memory score

overallScore